

CONCLUDING REMARKS

Since it is desirable to have an aid in the explanation of weather that occurs without frontal or orographic lift it would seem advisable to indicate such a model as that of Bjerknes and Holmboe on the weather maps. This could be done by transposing the contours of an upper level chart, e. g. the 700-mb. chart, directly upon the surface chart [12]. Currently this is not done for analysis work, however, the 30-hour surface prognostic charts transmitted from the WBAN Analysis Center by facsimile do have the 36-hour 700-mb. prognostics superimposed on them. The spatial model could also be suggested on the surface map by the introduction of a new analysis symbol to represent "trough aloft." The trough aloft superimposed on the surface analysis would bring to mind the possibility of pretrough lifting which, given a convectively unstable air mass, would result in precipitation.

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CORRECTION

MONTHLY WEATHER REVIEW, vol. 81, No. 6, June 1953, page 170: Maps in figures 3 and 4 should be interchanged. Map labeled figure 4 is for 1500 GMT, June 8, 1953.